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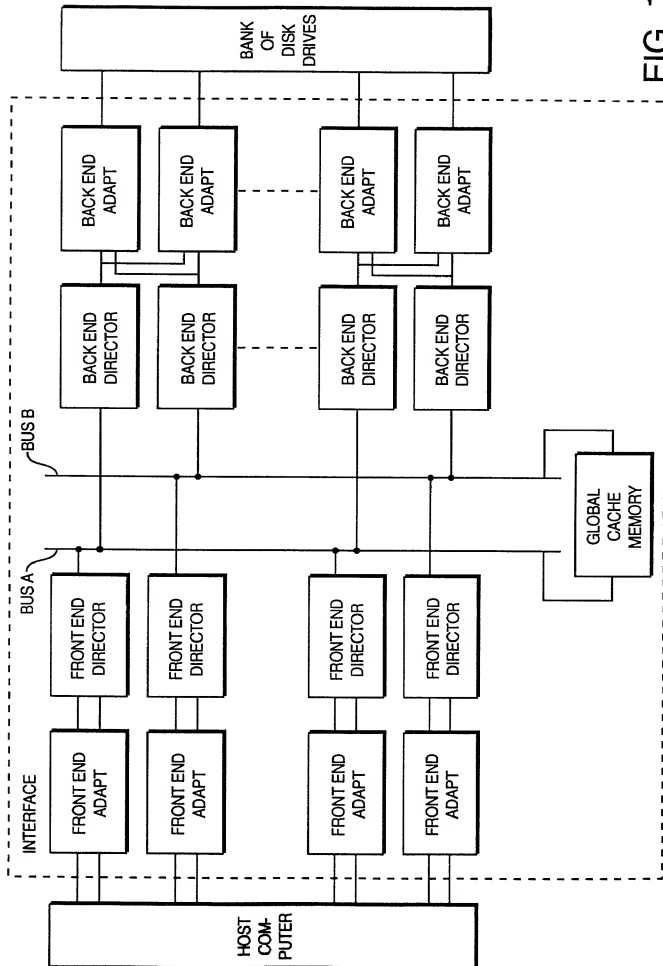


FIG. 1

FIG. 1

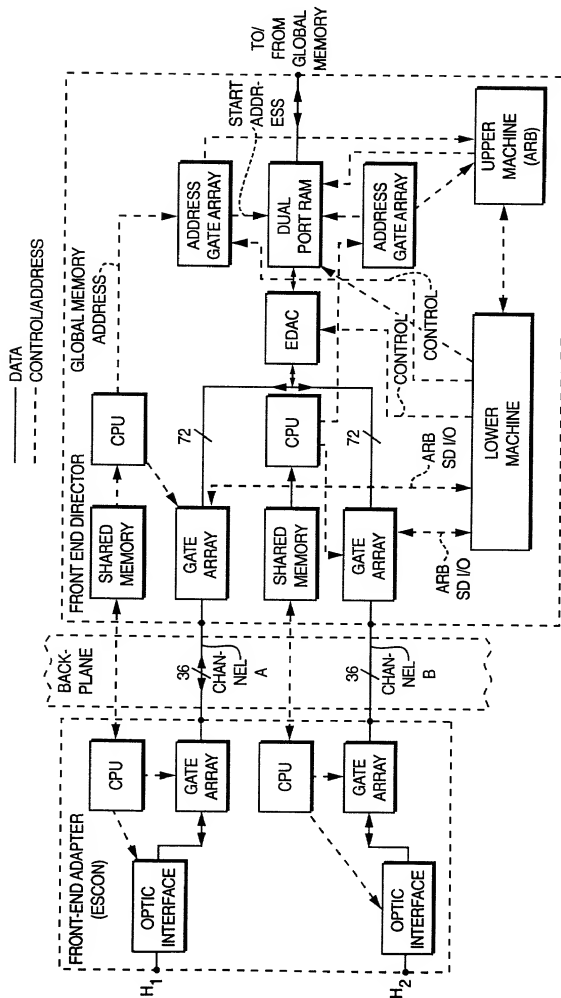


FIG. 2
(PRIOR ART)

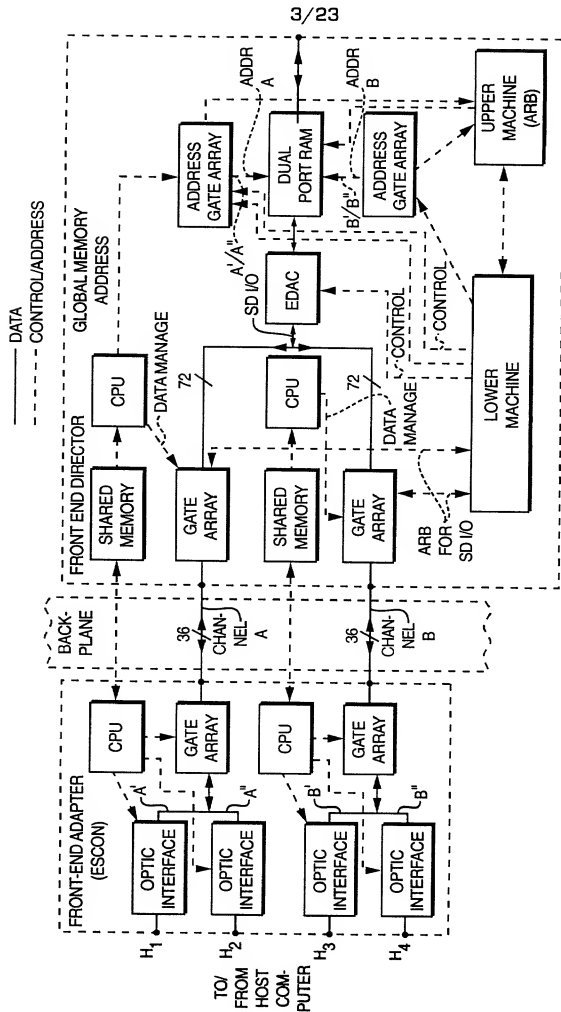


FIG. 3
(PRIOR ART)

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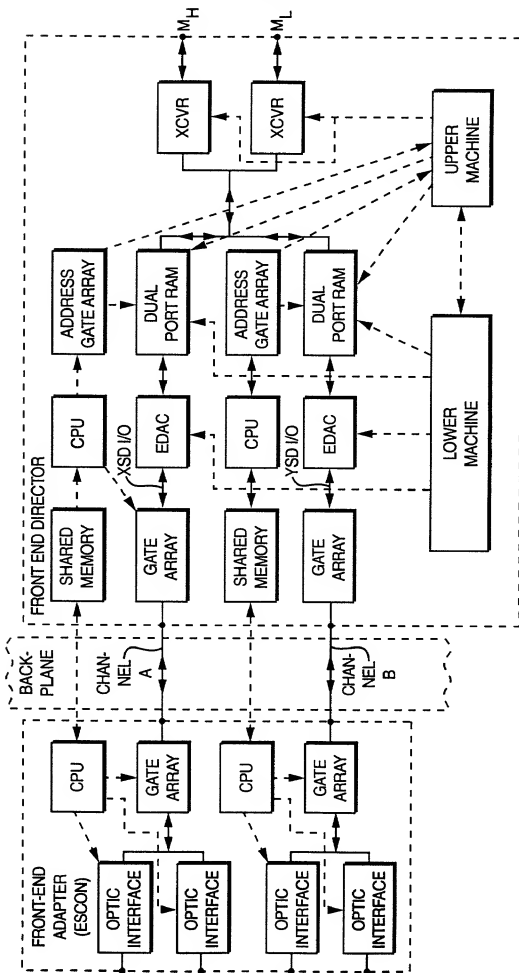


FIG. 4

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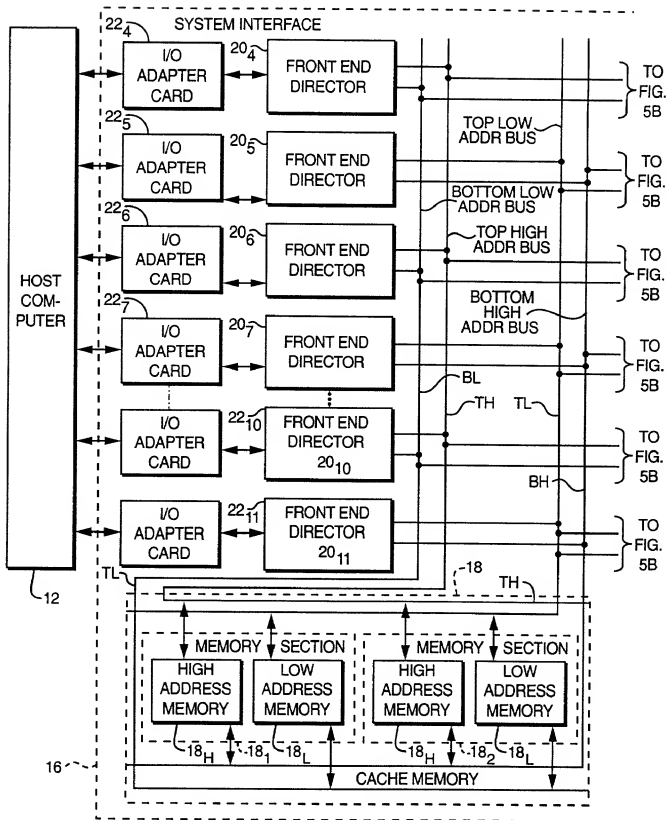


FIG. 5A

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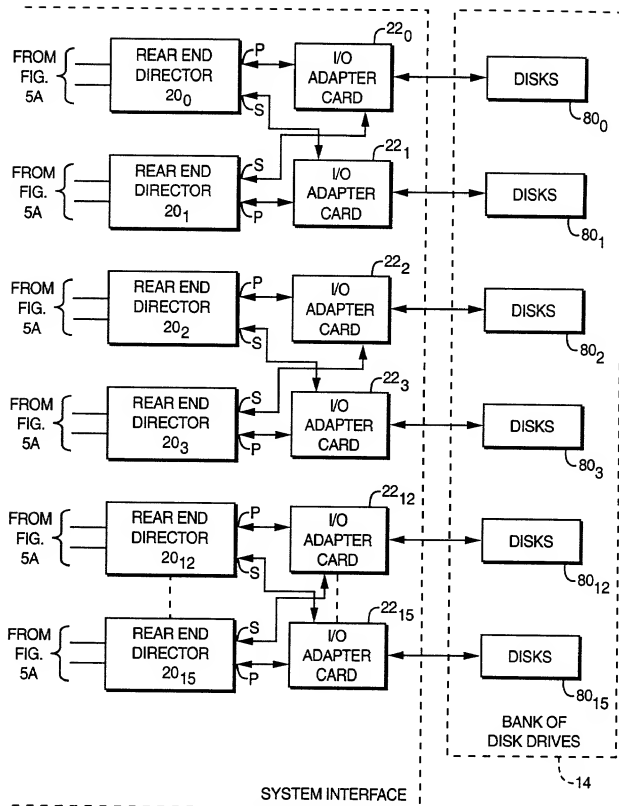


FIG. 5B

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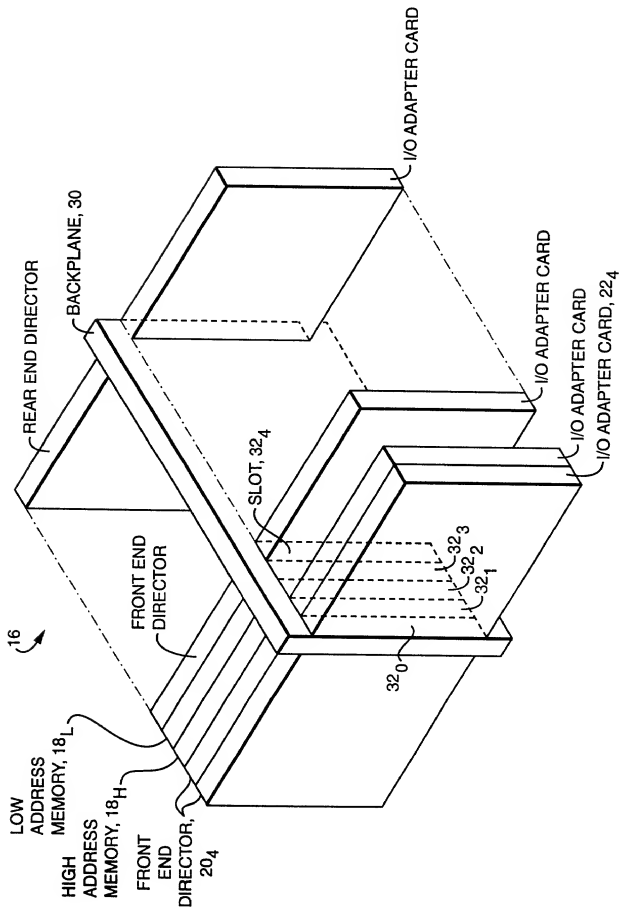
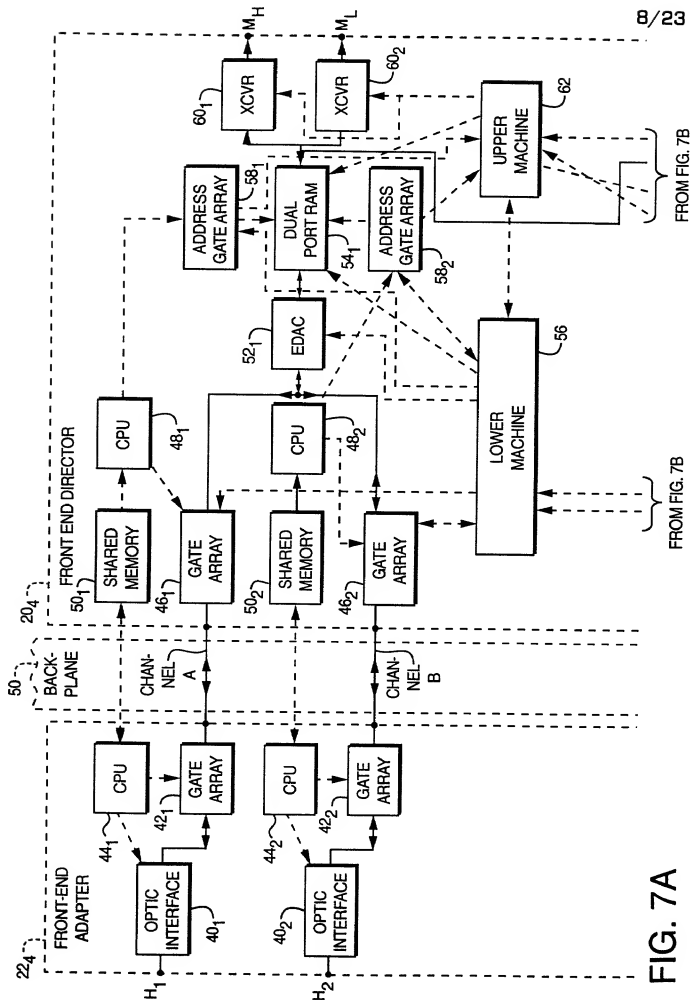


FIG. 6

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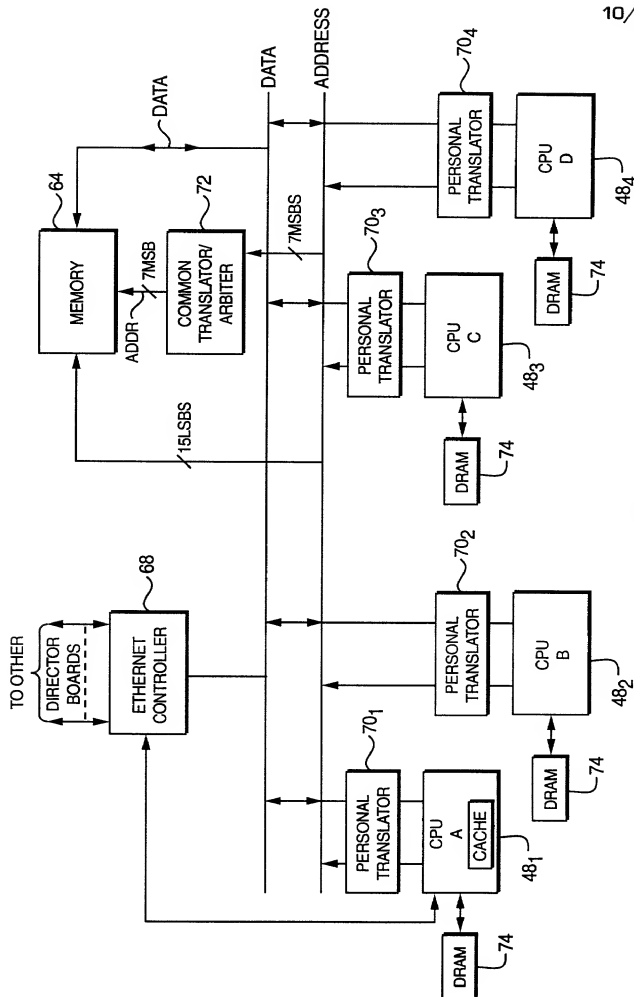


FIG. 8

FIG. 8

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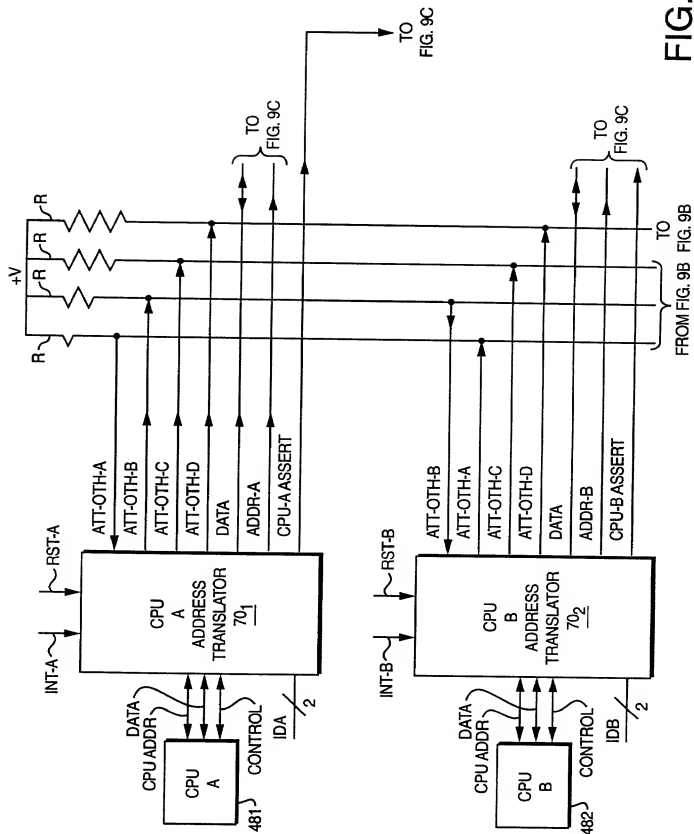


FIG. 9A

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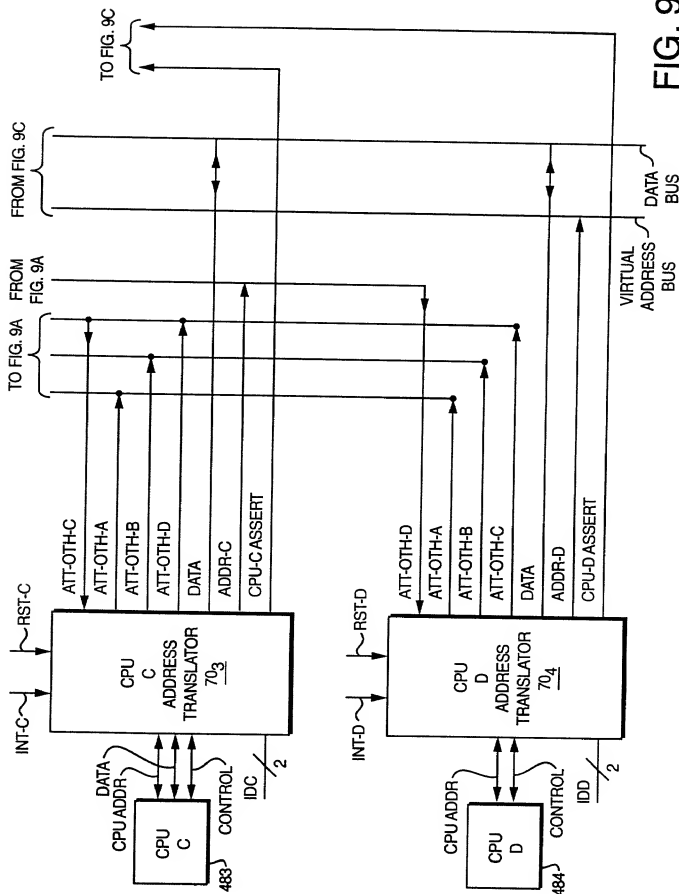


FIG. 9B

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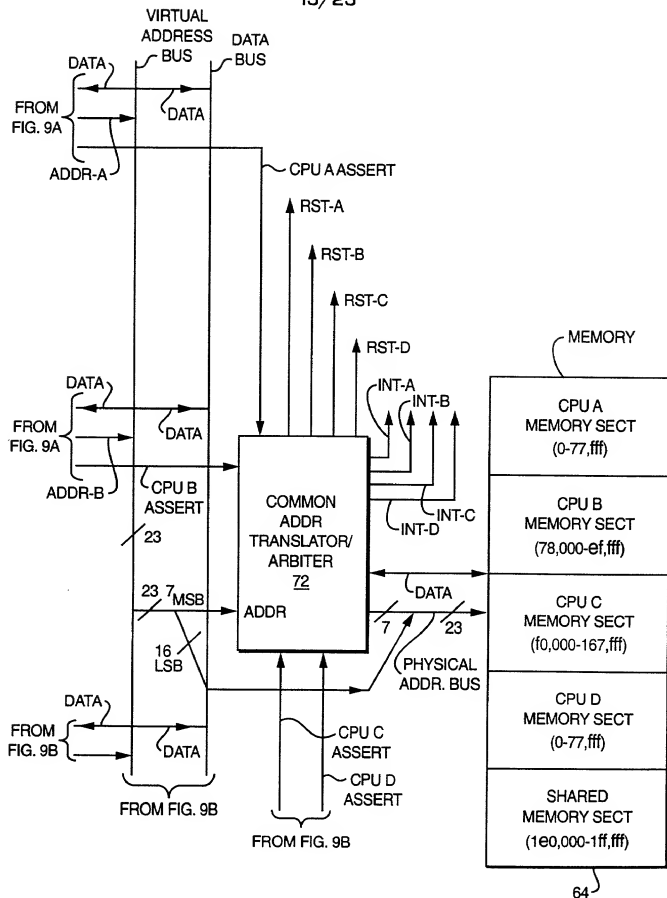


FIG. 9C

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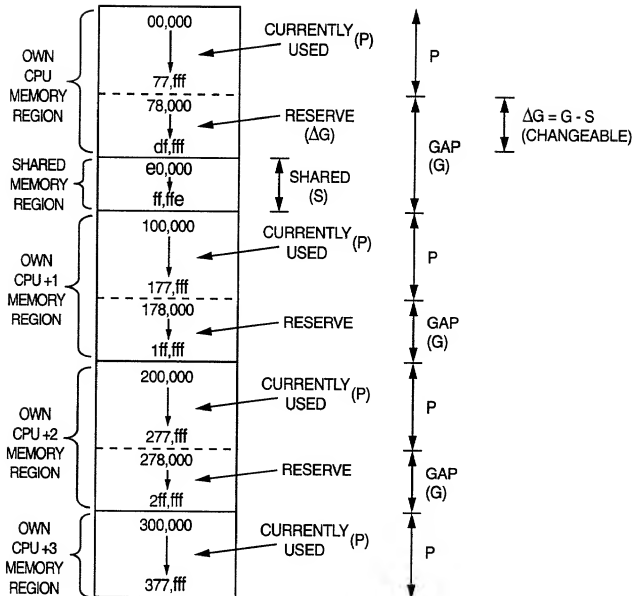


FIG. 10

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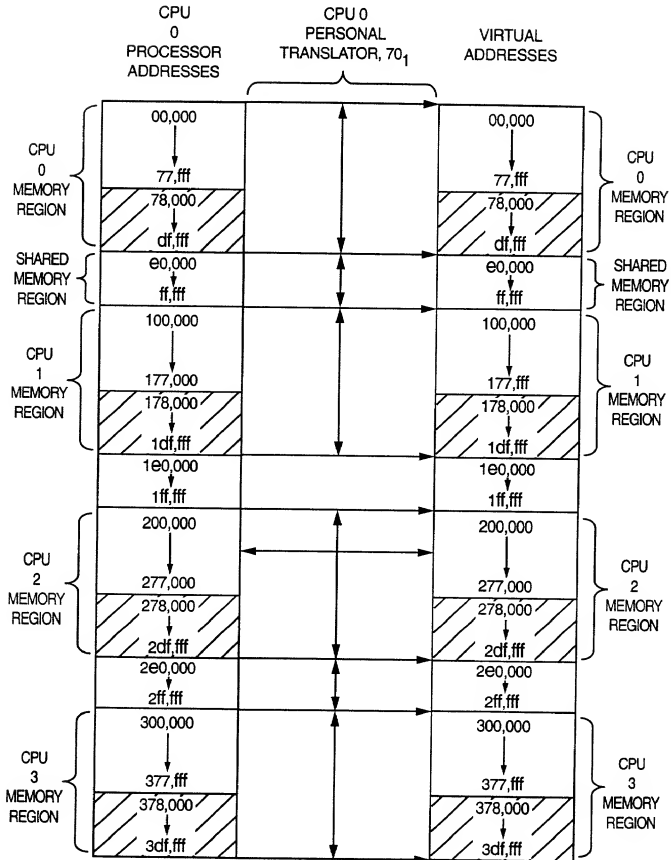


FIG. 11

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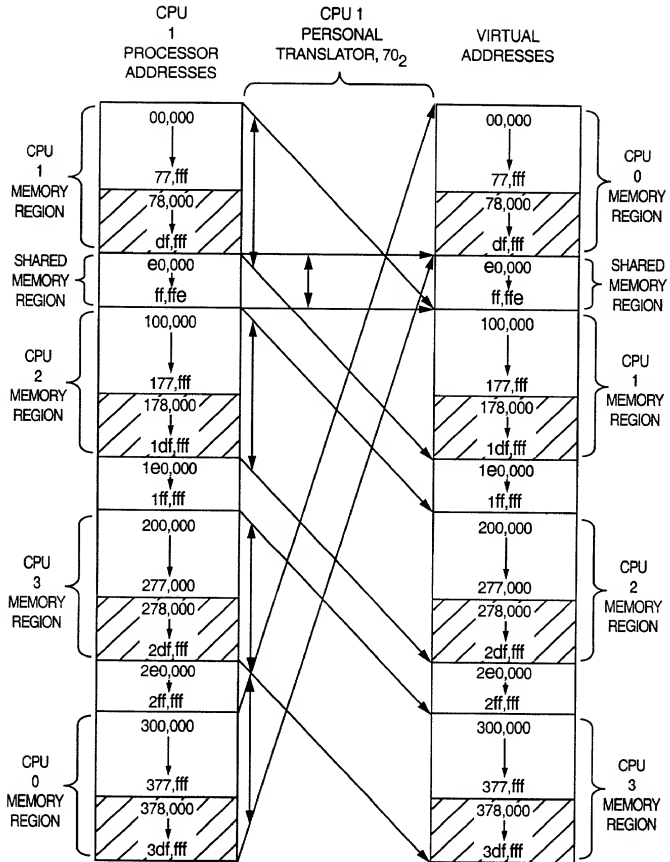


FIG. 12

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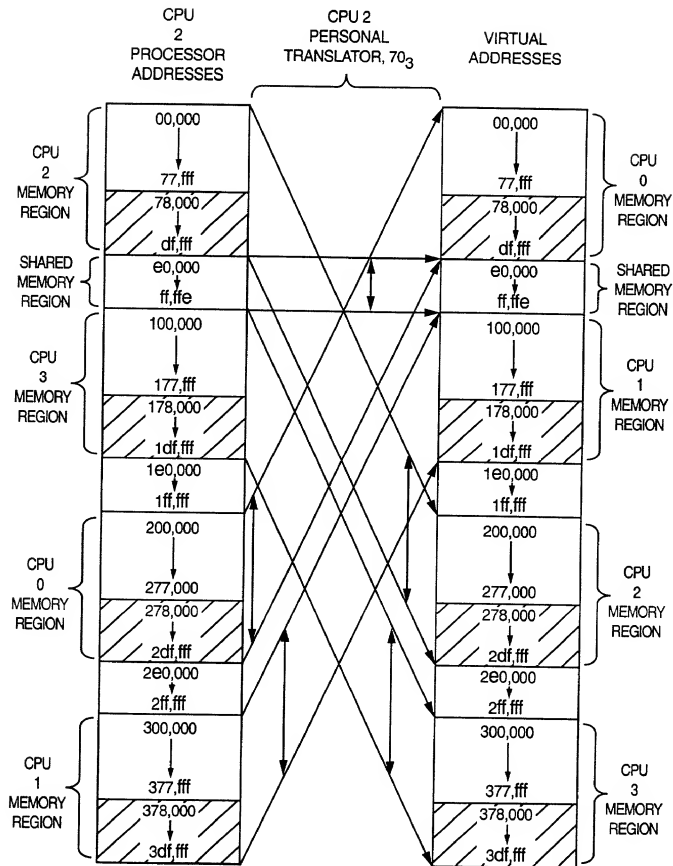


FIG. 13

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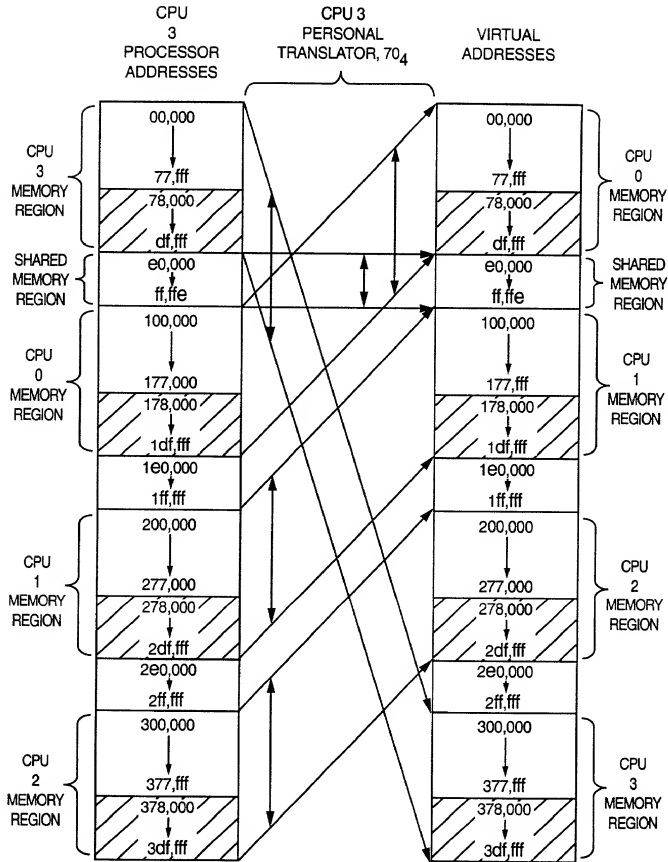


FIG. 14

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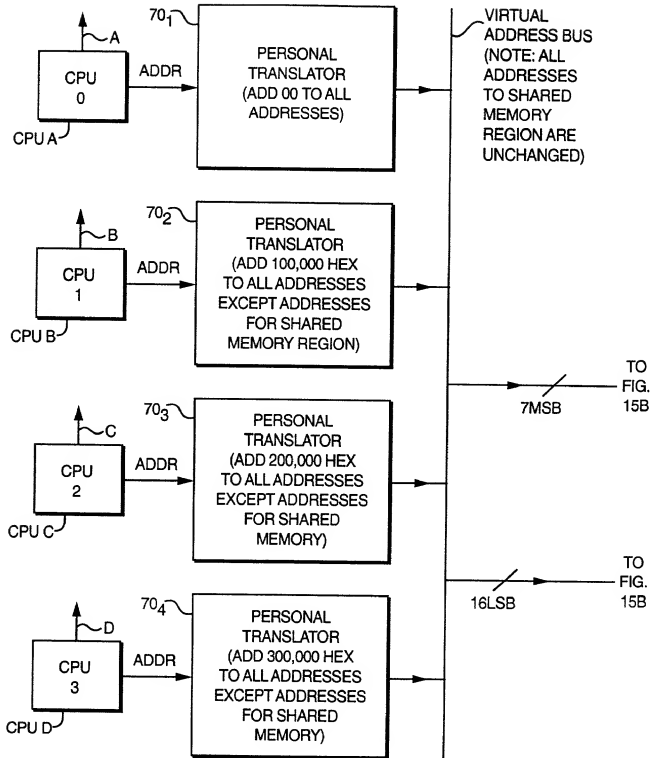


FIG. 15A

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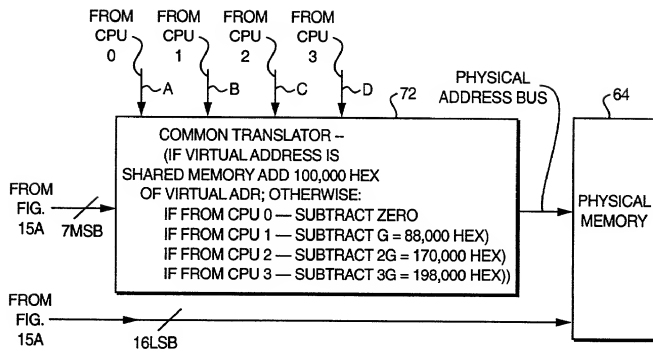


FIG. 15B

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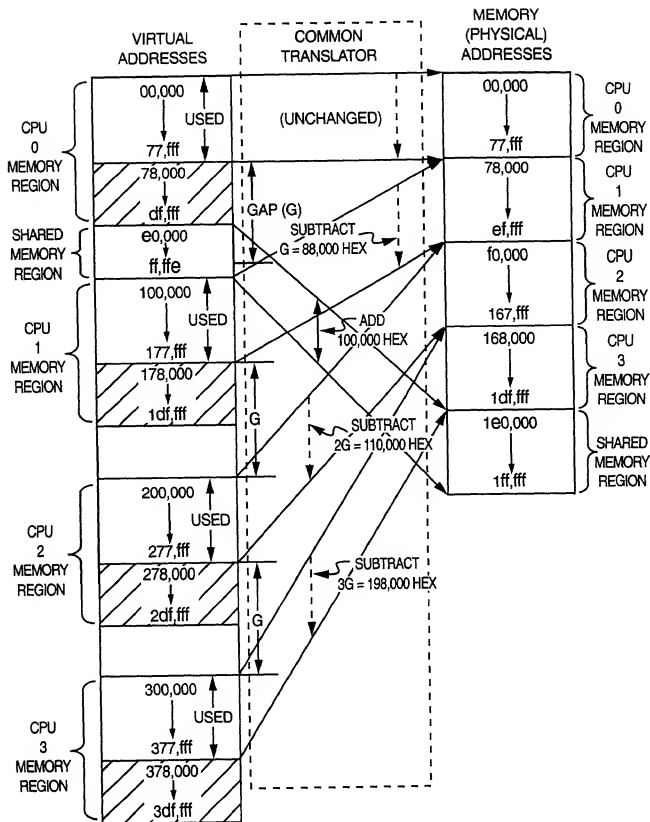


FIG. 16

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PROGRAM STORED IN EACH PERSONAL TRANSLATOR

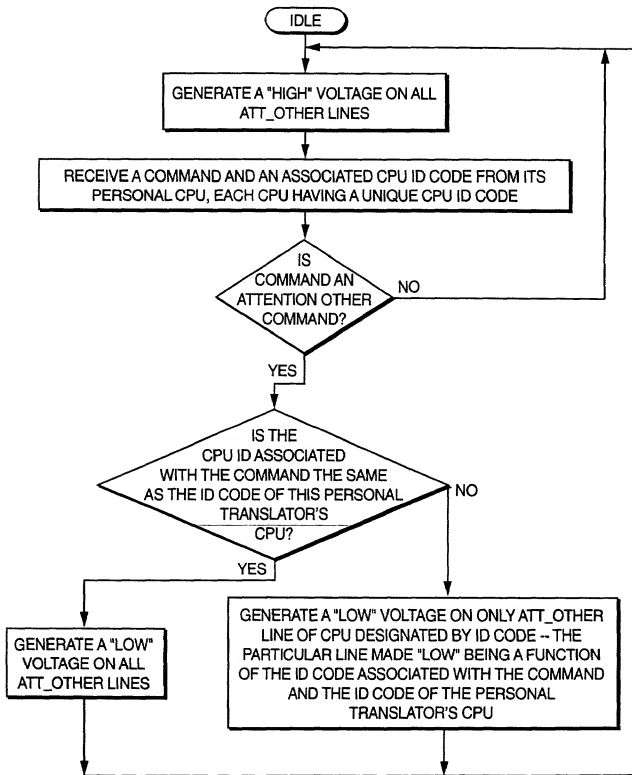


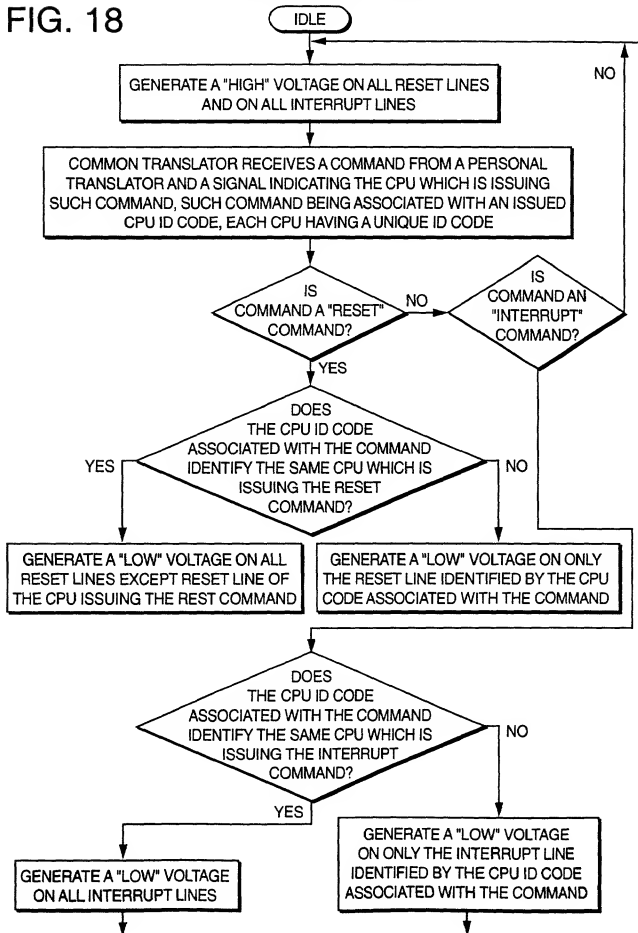
FIG. 17

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PROGRAM STORED IN COMMON TRANSLATOR

FIG. 18



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